

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF
THE DEPENDENT RESURVEY OF
A PORTION OF THE WEST BOUNDARY
AND
SUBDIVISIONAL LINES
AND THE
SUBDIVISION OF SECTIONS 7 AND 8
IN
TOWNSHIP 23 SOUTH, RANGE 24 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jerry L. Thomas
Cadastral Surveyor

Under special instructions dated *March 25, 1996*, approved *March 25, 1996*, which provided for the surveys included under Group Number 838, and assignment instructions dated *March 25, 1996*.

Survey commenced *April 1, 1996*

Survey completed *June 27, 1996*

INDEX DIAGRAM

Township 23 South, Range 24 East

| | | | | | | | |
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TOWNSHIP 23 SOUTH, RANGE 24 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines and the subdivision of sections 7 and 8, T. 23 S., R. 24 E., Salt Lake Meridian, Utah.

History of Surveys**Surveyed by****Retr. or Resurveyed by****NORTH BOUNDARY**

| | | | | |
|---------|-------------|------|-------------|---------|
| All | E. Buettner | 1880 | | |
| Portion | | | H.W. Miller | 1910-11 |
| All | | | C.F. Moore | 1929 |

SOUTH BOUNDARY

| | | | | |
|---------|------------|------|-------------|------|
| All | C.F. Moore | 1929 | | |
| Portion | | | J.L. Thomas | 1972 |

EAST BOUNDARY

| | | | | |
|---------|-------------|------|------------|------|
| Portion | H.W. Miller | 1911 | | |
| All | C.F. Moore | 1929 | C.F. Moore | 1929 |

WEST BOUNDARY (Grand River Guide Meridian)

| | | | | |
|-----|-------------|------|------------|------|
| All | E. Buettner | 1880 | | |
| All | | | C.F. Moore | 1929 |

SUBDIVISION

| | | | | |
|---------|-------------|------|------------|------|
| Portion | H.W. Miller | 1911 | | |
| Portion | C.F. Moore | 1929 | C.F. Moore | 1929 |

This survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 838, Utah, dated March 25, 1996.

The direction of the lines of this survey refer to the true meridian, determined by hour angle observations of the sun and Polaris and carried forward by means of sustained angulation. The measurements of these lines were made with an electronic distance measuring device. Horizontal distances only are entered in the field notes.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. Identified corners were remonumented in their original positions: lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line notes are given herein.

TOWNSHIP 23 SOUTH, RANGE 24 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The geographic position of the 1/4 section corner of sections 6 and 7, as determined by a tie made to U.S.G.S. triangulation station "DEWEY", is:

Latitude: 38° 49' 34.803" N. Longitude: 109° 18' 19.967" W.
N.A.D. 1927

The mean magnetic declination as determined from numerous readings throughout the survey is: 12 1/2° East.

Dependent Resurvey of a Portion of the West Boundary,
(Grand River Guide Meridian),
T. 23 S., R. 24 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by E. Buettner
in 1880, and the Resurvey by C.F. Moore in 1929

Beginning at the corner of sections 7 and 18 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, marked and witnessed as described in the official record of the dependent resurvey of the west boundary in 1929.

N. 0° 00.5' E., on the west boundary of section 7.

Over broken land.

19.985 Point for the S 1/16 section corner of section 7 only.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 1/2 ft. base to top, with aluminum cap marked:

| S 1/16
| S7
| 1996

39.97 The 1/4 section corner of section 7 only, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, marked and witnessed as described in the official record of the dependent resurvey of the west boundary in 1929.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 23 S., R. 24 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
H.W. Miller, Deputy Surveyor, in 1911

From the corner of sections 8, 9, 16, and 17, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above mound of stone, marked and witnessed as described in the official record of the survey of the subdivision in 1911.

N. $0^{\circ} 52.5'$ W., between sections 8 and 9.

Over broken land.

40.93

The $1/4$ section corner of sections 8 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

From the $1/4$ section corner of sections 17 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

N. $0^{\circ} 07'$ W., between sections 17 and 18.

Over rolling land.

32.28

Point selected for the witness meander corner of sections 17 and 18.

Set an aluminum post, 30 ins. long, 2 $1/2$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 $1/2$ ft. base to top, with aluminum cap marked:

T23S R24E
WMC
↑
S18 | S17
1996

32.39

Point for the original meander corner of sections 17 and 18, on the left bank of the Colorado River, at proportionate distance, falls in wash and is unsafe to monument; there is no remaining evidence of the original corner.

39.75

Point for the corner of sections 7, 8, 17, and 18, at proportionate distance, falls in Colorado River; not monumented.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 8, 9, 16, and 17.

N. 89° 52.5' W., between sections 8 and 17.

Over rough and broken land.

28.02

The meander corner of sections 8 and 17, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above mound of stone, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

S. 89° 46.5' W., beginning new measurement.

12.015

Point for the 1/4 section corner of sections 8 and 17, at proportionate distance, falls in Colorado River; not monumented.

23.055

Point for the original meander corner of sections 8 and 17, on the right bank of the Colorado River, at proportionate distance; there is no remaining evidence of the original corner.

This point falls on irrigated land and is not monumented.

52.055

Point for the corner of sections 7, 8, 17, and 18.

From the corner of sections 7 and 18 only, west boundary, hereinbefore described.

S. 89° 59.5' E., between sections 7 and 18.

Over nearly level land.

14.24

Point for the original meander corner of sections 7 and 18, on the right bank of the Colorado River at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone to top, with aluminum cap marked:

T23S R24E
S7 M
S18 C
1996

42.11

Point for the 1/4 section corner of section 7 and 18, at proportionate distance, falls in Colorado River.

82.15

Point for the corner of sections 7, 8, 17, and 18.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 5, 6, 7, and 8, marked by evidence of an old mound of stone. The center of the stone mound shows a partially filled in hole indicating that an iron post had been set at that point. This point is accepted as the true corner position.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

| | |
|-----------|----|
| T23S R24E | |
| S6 | S5 |
| S7 | S8 |
| 1996 | |

Corner is located 47 links N of old jeep trail.

S. 0° 01' W., between sections 7 and 8.

Over rolling and broken land.

39.88

The 1/4 section corner of sections 7 and 8, marked by evidence of an old mound of stone. I found an iron post, 1 in. diam., bent into an L-shape, with brass cap marked 1/4 S7 S8 1911 lying nearby. This iron post appears to have been removed from this mound of stone by a person or persons unknown.

At the corner point

Set a rebar, 5/8 ins. diam., 12 ins. long, in a drill hole, 8 ins. deep and in a collar of stone, with aluminum cap marked:

| | |
|-----------|----|
| T23S R24E | |
| 1/4 | |
| S7 | S8 |
| 1996 | |

From this corner point, a spring box, 2x2 ft., at base of sandstone ledge, and covered with a steel door, bears S. 43° E., 2.935 chains distance.

From this same corner point, a sandstone ledge, 40 ft. high, bears S, 4.36 chains distance.

S. 0° 01' W., beginning new measurement.

18.42

Power line, bears E and W.

19.50

Leave a spike, 8 ins. long, in the center line of paved road, Utah State Highway No. 128. Road bears E and W.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

19.945

Point for the S 1/16 section corner of sections 7 and 8.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone to top, with aluminum cap marked:

S 1/16
S7 | S8
1996

From this corner, a wooden gate in E and W fence line, bears S, 2.69 chains distance.

37.000

The meander corner between sections 7 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

Corner is located in N and S fence line.

S. 2° 34.5' E., beginning new measurement.

2.985

Point for the corner of sections 7, 8, 17, and 18 in Colorado River.

From the 1/4 section corner of sections 5 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

N. 89° 51' W., between sections 5 and 8.

Over rolling and broken land.

39.955

The corner of sections 5, 6, 7, and 8.

S. 89° 56.5' W., between sections 6 and 7.

Over rolling land.

39.955

The 1/4 section corner of sections 6 and 7, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1911.

From this corner, U.S. Geological Survey triangulation station "DEWEY", monumented as described in U.S.G.S. official record, bears N. 62° 02.6' W., (mean bearing), 368.973 chs. distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 5, 6, 7, and 8.

N. 0° 00.5' E., between sections 5 and 6.

39.88

The 1/4 section corner of sections 5 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, marked and witnessed as described in the official record of the survey of the subdivisional lines in 1929.

The Subdivision of Section 7,
T. 23 S., R. 24 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 6 and 7.

S. 0° 01.5' E., on the N-S center line of section 7.

Over rolling and broken land.

39.84

True point for the center 1/4 section corner of section 7, at intersection with the E-W center line, falls on steep slope of sandstone ledge and cannot be monumented.

59.83

Point for the center S 1/16 section corner of section 7.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

$$\begin{array}{c} \text{C} \\ \text{S } 1/16 \mid \text{S } 7 \\ \text{C} \\ 1996 \end{array}$$

79.82

Point for the 1/4 section corner of sections 7 and 18.

From the 1/4 section corner of sections 7 and 8.

West, on the E-W center line of section 7.

Over rolling and broken land.

39.47

Point selected for the witness center 1/4 section corner of section 7.

Set a rebar, 5/8 ins. diam., 12 ins. long, in a drill hole, 8 ins. deep, with aluminum cap marked:

THE SUBDIVISION OF SECTION 7,
T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

WC
T23S R24E
← C 1/4 S7
1996

Raise a mound of stone west of the corner.

39.93 True point for the center 1/4 section corner of section 7.

82.005 The 1/4 section corner of section 7 only, on the west boundary of the township, hereinbefore described.

From the S 1/16 section corner of sections 7 and 8.

S. 89° 56.0' W., on the E-W center line of the SE 1/4 of section 7.

Over rolling land.

39.915 The center S 1/16 section corner of section 7.

West, on the E-W center line of the SW 1/4 of section 7.

Over rolling land.

42.09 The S 1/16 section corner of section 7 only, on the west boundary of the township, hereinbefore described.

The Subdivision of Section 8,
T. 23 S., R. 24 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 5 and 8.

S. 0° 08' E., on the N-S center line of section 8.

Over rolling and broken land.

19.615 Point for the center N 1/16 section corner of section 8.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

THE SUBDIVISION OF SECTION 8,
T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

C
N 1/16 | S8
C
1996

Raise a mound of stone west of the corner.

39.23

Point for the center 1/4 section corner of section 8, at intersection with the E-W center line. This point falls on large sandstone boulder, 12x5x4 ft.

Set a rebar, 5/8 ins. diam., 12 ins. long, in a drill hole, 8 ins. deep, with aluminum cap marked:

T23S R24E
C 1/4 S8
1996

Raise a mound of stone west of the corner.

45.58

Intersect the north fence parallel to Utah Highway No. 128, bears ENE and WSW; not monumented.

46.20

Set a spike, 6 ins. long, in center of paved road of Utah Highway No. 128, road bears ENE and WSW.

46.725

Intersect the south fence parallel to Utah Highway No. 128, bears ENE and WSW; not monumented.

59.415

Point for the center S 1/16 section corner of section 8.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

C
S 1/16 | S8
C
1996

Set a steel fence post alongside aluminum post.

79.60

Point for the 1/4 section corner of sections 8 and 17.

THE SUBDIVISION OF SECTION 8,
T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the 1/4 section corner of sections 8 and 9.

S. 89° 13' W., on the E-W center line of section 8.

Over rolling and broken land.

39.50

The center 1/4 section corner of section 8.

79.565

The 1/4 section corner of sections 7 and 8.

From the center S 1/16 section corner of section 8.

S. 89° 33.5' W., on the E-W center line of the SW 1/4 of section 8.

Over irrigated land.

38.86

Intersect the south fence parallel to Utah Highway No. 128; not monumented.

40.115

The S 1/16 section corner of sections 7 and 8.

From the intersect point of the south fence parallel to the highway on the N-S center line of section 8; not monumented.

Thence on an informative traverse in the SW 1/4 of section 8.

Thence S. 70° 48.5' W., along south fence parallel to Utah Highway 128.

30.14

Angle point 1, not monumented.

Thence S. 76° 13' W., along south fence parallel to Utah Highway 128.

2.925

Angle point 2, not monumented.

Thence S. 79° 05' W., along south fence parallel to Utah Highway 128.

4.52

Angle point 3, not monumented.

Thence S. 76° 31' W., along south fence parallel to Utah Highway 128.

2.08

Angle point 4, not monumented.

THE SUBDIVISION OF SECTION 8,
T. 23 S., R. 24 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Thence S. 73° 16' W., along south fence parallel to Utah Highway 128.

0.715 Angle point 5, not monumented.

Thence S. 24' 57' W., along south fence parallel to Utah Highway 128.

0.91 Intersect the E-W center line of the SW 1/4 of section 8; not monumented.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

| Name | Capacity |
|-----------------|----------------------|
| Brandon Sanchez | Surveying Technician |

CERTIFICATE OF SURVEY

I, *Jerry L. Thomas, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *25th day of March, 1996*, I have *dependently resurveyed a portion of the west boundary and subdivisional lines, and subdivided sections 7 and 8, in Township 23 South, Range 24 East*,

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

March 16, 1998

Date

Jerry L. Thomas

(Cadastral Surveyor)

Date

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of sections 7 and 8, Township 23 South, Range 24 East, Salt Lake Meridian, Utah*,

executed by *Jerry L. Thomas, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

March 18, 1998

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)